GSMP RFID Low-Level Reader Protocol (LLRP) Mission Specific Working Group (MSWG) WR - 19-274

**Project Description**

This group will define and develop a revised version of the Low Level Reader Protocol (LLRP) Standard to clarify its use within the RFID community, identify and add new features needed to align with the Gen2V2 Air Interface standard while ensuring new features do not cause any disruption—and that the revised version of LLRP is backward-compatible with existing deployments. Any additional functionality not currently included in the Gen2V2 standard is considered out of scope of this project.

**Deliverable/Objective**

- Develop a revised version of the LLRP Standard to include the updated Gen2V2 standard.
- The group may identify guidance and training material to support the RFID community when implementing LLRP-based solutions.

**Completed last 30 days**

- Decision by team to proceed with prototype testing
- Digital GSMP session

**Next steps**

- Finalising LLRP solution document for community review
- Establishing testing environment
- Applying project management and share new timeline

**Risks and Issues**

Timeline will be extended with prototype testing

**Milestone deliverables**

1. Project approved August ‘19
2. Requirements February ‘20
3. Development Original September ‘20 – Revised TBD
4. Publication TBD

**Company participation**

<table>
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<tr>
<th></th>
<th>Actual roster</th>
<th>Required roster</th>
<th>Minimum votes (12)</th>
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<tr>
<td>Manufacturer</td>
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<td>(2 Reader, 2 chip 1 system integrator)</td>
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**Stakeholders**

- LT Sponsor: Robert Beideman (not an OGSM)
- SDL: John Ryu
- IE/Sol Liaison: Claude Tetelin
- SME: Claude Tetelin
- AG Liaison: Amber Walls (GS1 US)
- Chairs: Michael Koch (Zebra) and Thomas J. Frederick (Clairvoyant Technology LLC)

**Legend**

- G: On schedule
- Y: Minor Risk/≈10% behind schedule
- R: Significant risk/10%+ behind schedule
- C: Complete